

SLIM-Suite 10.4a Release Notes

Multiple Applications

- New Feature** QSM 2023 industry regression trends were updated using over 1500 new projects added to our global database of 14400+ completed projects. After incoming project data is validated, projects are stratified into 18 reference groups that share one or more characteristics (typically domain, application type, target industry, or lifecycle methodology). This update adds 817 new regression trends and single metric statistics, along with a new trend group (QSM CLOUD MIGRATION) to the benchmark data available in SLIM-Suite applications. For more information on the QSM database and benchmark data, visit the [QSM Database page](#) on our website.
- Change** SLIM-Estimate, SLIM-Control, and SLIM-Metrics default workbooks, templates, and sample workbooks were updated to use the QSM 2023 regression trends and individual metric statistics. This data supplies industry-based performance data that calibrates our tools to various project types, validates estimates against relevant industry performance data, benchmarks completed projects, and keeps our algorithms current as programming technologies and methods change over time.
- Change** Supported operating systems for SLIM-Suite tools have been updated to remove support for Windows 8.x and Windows server versions before Windows Server 2012.
- Enhancement** When displaying only Level 2 (program increment) Agile increment lines in SLIM-Estimate or SLIM-Control, Level 2 lines are now numbered independently of Level 1 (sprint) increment numbering. Previously, this option displayed only the associated Level 1 increment line numbers. For example, Level 2 increments that coincided with the end of every 3rd sprint displayed 3, 6, 9... for the increment number. Now, Level 2 increments are numbered independently (1, 2, 3...) of the associated Level 1 increment.

Enhancement Quadrant chart default subtitles and axis labels were changed to provide clarity for better analysis and to make changes easier. SLIM-Estimate Quadrant Chart Properties | Titles | Subtitle | Automatic reads "Bubble Size: 'metric' where 'metric' is the chosen bubble metric from the Metrics tab. SLIM-Estimate Quadrant Chart Properties |Titles | Main Title reads "vs" and "Trend Variance" was added to the end of the main title.

SLIM-Estimate

Enhancement When solutions have duration or staffing outside the allowed ranges, SLIM-Estimate now provides more information to help the user adjust their estimate assumptions and calculate a solution that aligns with real-world performance criteria. In addition, time series and other charts are not drawn when the current solution is not realistic.

SLIM-Control

Bug Fix Fixed problem with custom metric plan profiles not updating when a new total was entered. For example, changing planned Total Features of 500 from a Rayleigh (slowest buildup) to Rayleigh (mod fast buildup).

Bug Fix Fixed problem that sometimes produced extremely high phase 4 staffing (FTE) values when running a Tradeoff Forecast.

SLIM-DataManager

Enhancement The Application Type, Organization, Division, Confidence, and Status fields can now be updated when power editing multiple projects from the Project List view.

SLIM-MasterPlan

Change SLIM-MasterPlan now provides more information when one or more SLIM-Estimate subsystems have invalid solutions. The user is provided with the name of the invalid subsystem file and given suggestions for calculating a valid solution.